

Converting Colors

`RYB(150, 89, 155)`

Have a look what the booklet for
RYB(150, 89, 155) contains.

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Color

R_YB(150, 89, 155)

Conversions

Conversions Part 1

Format	Color
Hex	96599B
RGB	150, 89, 155
RGB Percent	59%, 35%, 61%
CMY	0.4118, 0.6510, 0.3922
CMYK	0.03, 0.43, 0.00, 0.39
HSL	295°, 27%, 48%
HSV	295°, 43%, 61%
XYZ	22.0665, 15.9953, 32.9347
YIQ	114.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

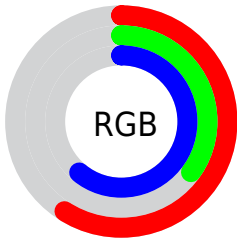
Format	Color
R_{YB}	150, 89, 155
Decimal	9853339
CIE _{Lab}	46.97, 35.89, -25.69
CIE _{LCh}	47, 44.135, 324.406
Yxy	15.9953, 0.3108, 0.2253
Android (android.graphics.Color)	4288043419 (0xFF96599B)
YUV	114.7630, 19.8368, 30.9028
Hunter-Lab	39.9942, 28.4960, -20.8287

Details

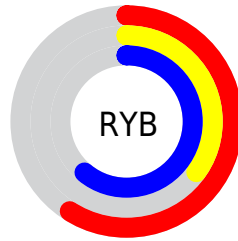
The RYB color **150, 89, 155** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89, 155, 150**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **205, 141, 210**, and **97, 40, 104** is the 20% darker color. If you saturate the color by 10%, you get **149, 74, 155**, and if you desaturate by 10%, it is **151, 105, 155**.

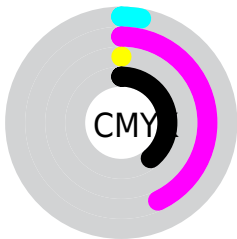
Distribution



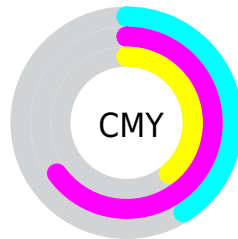
- Red (59%)
- Green (35%)
- Blue (61%)



- Red (59%)
- Yellow (35%)
- Blue (61%)



- Cyan (3%)
- Magenta (43%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (65%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 89, 155 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 150, 89, 155 by changing the saturation by 10% instead.



150, 89, 155



150, 89, 155

255, 255, 255



123, 64, 129



205, 141, 210



97, 40, 104



234, 167, 238



72, 15, 79



255, 195, 255



48, 0, 56



255, 223, 255



26, 0, 34



255, 252, 255



0, 0, 8



0, 0, 0



150, 89, 155




150, 89, 155



149, 74, 155




151, 105, 155

 148, 58, 155

 152, 120, 155

 146, 42, 155

 154, 136, 155

 145, 27, 155

 155, 151, 155

 144, 12, 155

 155, 167, 166

 143, 0, 155

 155, 182, 180

 155, 197, 194

 155, 213, 209

 155, 228, 222

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101, 104, 179



150, 89, 155



175, 78, 120

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



150, 89, 155



77, 138, 33



0, 67, 141

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



150, 89, 155



89, 155, 150

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 72, 129



150, 89, 155



39, 118, 55

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



150, 89, 155



165, 118, 51



54, 116, 126



0, 73, 171

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150, 89, 155



180, 78, 95



54, 116, 126



0, 65, 130

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



150, 89, 155



199, 175, 201



89, 94, 155



101, 86, 102



230, 230, 230



102, 102, 102

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150, 89, 155



194, 99, 201



155, 89, 127



76, 69, 77



130, 0, 140



12, 0, 13

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



155, 89, 94



201, 99, 106



89, 135, 155



77, 69, 69



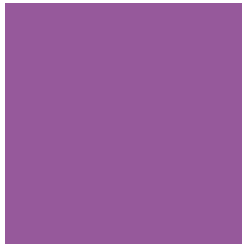
140, 0, 11



13, 0, 1

Previews

White Background



This preview shows how the RYB color 150, 89, 155 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 150, 89, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

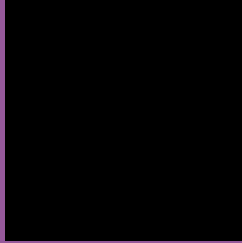
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 150, 89, 155 Background



This preview shows how black text looks on a background with the RYB color 150, 89, 155.

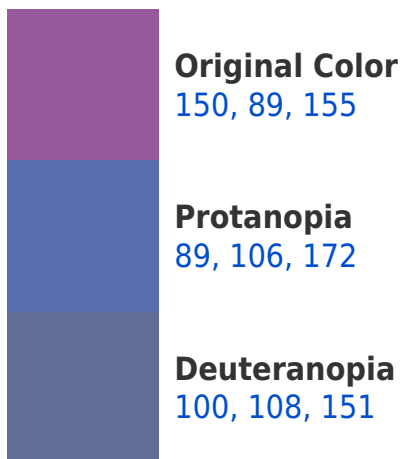


This preview shows how white text looks on a background with the RYB color 150, 89, 155.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
144, 100, 107

Trichromacy



Original Color
150, 89, 155

Protanomaly
111, 102, 166

Deuteranomaly
118, 102, 152

Tritanomaly
146, 96, 124

Monochromacy



Original Color
150, 89, 155

Achromatopsia
115, 115, 115

Achromatomaly
128, 106, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 89, 155 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 89, 155)` looks like.

```
.text, #text, p{  
    color:rgb(150, 89, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 89, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 89, 155) }
```

Border

The CSS property to change the border of an element to RYB 150, 89, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 89, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 89, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 89, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 89, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 89, 155);  
box-shadow:4px 4px 4px 4px rgb(150, 89,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 150, 89, 155 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 89, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150, 89,  
155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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